USER MANUAL

Wireless Dual-Mode(ANT+ BLE) Speed Cadence Sensor
Version: March 2017

1. Product Introduction

Thank you for purchasing our wireless dual-mode(ANT+ BLE) speed cadence sensor. This product is one of the bicycle peripheral products of our company, helping you to manage your cycling scientifically. This user manual will help you to use the product better, please keep it for reference.

2.Product Accessories
2.1 Standard Accessories

Speed cadence sensor | 2XRubber mat (flat,curved) | 2Xband (large, small) | User manual

2.2 Optional Accessories
(Wireless bicycle computer)

3. Basic Parameters

Product size: 36x30x13.8mm	Working temperature: -20℃~60℃
Product net weight: 9g	Communication: ANT+/10m BLE/20m
Electrical source: CR2032 220mAh	Measurement extremum: 120km/h for speed 300rpm for cadence
Battery life: 500h for speed mode 300h for cadence mode	Outer case: PC
Waterproof grade: IP67	Color: Black

4. Function and operation

There are two modes of speed and cadence of the product, which correspond to speed monitoring and cadence monitoring. Mode switching through power on, namely remove the battery and load it again. After the battery loading, there will be a light on. Different light color corresponds to different mode.

4.1 Mode switching

a. Twist the battery door with a coin in OPEN direction, open the battery door, remove the battery and load it again, after that, twist the battery door in CLOSE direction, close the battery door.

b. After the battery loading, there will be a light on. Red light indicates speed mode, blue light indicates cadence mode.

4.2 Installation

a. Installation for speed mode
Buckle the curved rubber mat onto the back of the sensor, then bind the sensor with the large rubber band onto the wheel axle.

b.Installation for cadence mode
Buckle the flat rubber mat onto the back of the sensor, then bind the sensor with the small rubber band onto the pedal crank.

5. Use with bicycle computer

Use with the professional bicycle computer produced by our company, you can check varied cycling data intuitively and conveniently.

5.1 Functions of bicycle computer

1. Current speed(0-99.99 km/h or m/h)
2. Average speed(0-99.99 km/h or m/h)
3. Maximal speed(0-99.99 km/h or m/h)
4. Minimal speed(0-99.99 km/h or m/h)
5. Current cadence(0-999rpm)
6. Average cadence(0-999rpm)
7. Maximal cadence(0-999rpm)
8. Minimal cadence(0-999rpm)
9. Current heart rate(0-999bpm)
10. Average heart rate(0-999bpm)
11. Maximal heart rate(0-999bpm)
12. Minimal heart rate(0-999bpm)
13. Single ride mileage(9999 km or m)
14. Automatic timing(99:59)
15. Detection of current altitude, temperature, atmospheric pressure
16. Heart rate alarm
17. Backlight
18. Data storage
19. Device connection
20. Choice of cadence speed sensor

5.2 Bicycle computer installation

1. Select a safe position of bicycle handlebar
2. Bind the base firmly onto the bicycle handlebar with two bands
3. Align the slot on the back of bicycle computer with the slot on the base, place the bicycle computer and rotate it until locked in place(Hear a "click" sound)
4. After all of these you can start your cycling
*Rotating the bicycle computer again can take down it.

6. Compatible with varied App

CooSpo Fitness | Wahoo Fitness | nRF Utility
MAP MY RIDE+ | Wahoo Utility | STRAVA

Note: The copyrights of the App icons showed above reserved by the App development corporation.

7. Disclaimer

● The information contained in this manual just for reference. The product described above may be subject to alteration owing to the manufacturer's continuing research and development plans, without making an announcement in advance.

● We shall not make any statement or warranty about this manual or the contained product.

● We shall not bare any legal responsibility for any direct or indirect, accidental or special damages, losses and expenses arising from or in connection with this manual or the contained product.

使 用 说 明

无线双模(ANT+/蓝牙)速度踏频传感器
版本:2017年3月

1. 产品简介

感谢您选择我们的无线双模（ANT+BLE）速度踏频传感器。本品是我司生产制造的各式自行车周边产品之一，帮助您科学地管理您的骑行活动，此产品手册将帮助您更好地使用本品,请妥善保管以供日后参考。

2. 产品配件
2.1 标准配件

主机 | 2X橡胶垫(平、有弧度) | 2X橡皮扎带(大、小) | 使用手册

2.2 可选配件(无线码表)

3.基本参数

产品尺寸:36x30x13.8mm	工作温度:-20℃~60℃
产品净重:9克	通讯方式:ANT+/10m BLE/20m
电源:CR2032 220mAh	测量极值:速度120km/h踏频300rpm
绿航能力:速度模式500h 踏频模式300h	外壳材料:PC
防水等级:IP67	颜 色:黑色

4. 功能及操作说明

本品分速度和踏频两种模式，分别对应速度和踏频两种参数的监测。两种模式通过上电池切换，即取出电池再重新装入。上电池后通过主机面亮灯的亮灯颜色识别不同的模式。

4.1 速度/踏频模式切换说明

a. 向 OPEN 标记方向用硬币旋转打开电池门，取出电池，再重新装入，之后向 CLOSE 标记方向旋转关闭电池门。

b. 上电池后主机面亮灯指示，红灯指示速度模式，蓝灯指示踏频模式。

4.2 速度/踏频模式安装说明

a. 速度模式
将有弧度的橡胶垫扣在主机背面，再用大的橡皮扎带将主机捆绑在车轮轴上;

b. 踏频模式
将平的橡胶垫扣在主机背面，再用小的橡皮扎带将主机捆绑在踏板曲柄上

5. 配合码表使用

配合我司生产的专业码表使用，可直观便捷地查看各项骑行数据。

5.1 码表功能

1、当前速度（0-99.99 千米 / 小时或英里 / 小时）
2、平均速度（0-99.99 千米 / 小时或英里 / 小时）
3、最大速度（0-99.99 千米 / 小时或英里 / 小时）
4、最小速度（0-99.99 千米 / 小时或英里 / 小时）
5、当前踏频（0-999rpm）
6、平均踏频（0-999rpm）
7、最大踏频（0-999rpm）
8、最小踏频（0-999rpm）
9、当前心率（0-999bpm）
10、平均心率（0-999bpm）
11、最大心率（0-999bpm）
12、最小心率（0-999bpm）
13、单次骑行里程（达到9999 千米 / 英里）
14、自动计时（99:59）
15、检测当前温度、气压、海拔
16、心率报警
17、背光功能
18、运动数据存储
19、设备绑定
20、踏频速度 sensor 选择

5.2 码表安装

1. 选择自行车把立或车把处的一个安全位置，
2. 使用两根束带将底座牢固地绑定在把立或车把上，
3. 将码表背面的卡槽与底座的卡槽对齐，放置码表并旋转直到锁定到位（听到"咔"声），
4. 完成之后您就可以使用本品开启您的骑行之旅。
* 再次旋转可取出码表。

6. 兼容多种App

CooSpo Fitness | Wahoo Fitness | nRF Utility
MAP MY RIDE+ | Wahoo Utility | STRAVA

注:以上展示的 App 图标，版权归 App 开发公司所有。

7. 责任声明

● 本手册所载资料仅供参考。所述产品可能会因为生产的持续研发计划而有所变动，无需事先做出通告。

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FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.